

Please amend page 1 by adding the following paragraph at the beginning of the page.

RELATED APPLICATION

This application is a continuation of application Serial No. 09/470,481, filed December 7, 1999.

Please amend paragraphs [0113] and [0115] as follows:

[0113] FIGS. 10(a)-10(c) show the results of this simulation with the threshold h being set at 0.7, 0.9, and 0.99, respectfully. It is clearly shown in FIGS. 10(a)-10(c) that most of the curves drop suddenly once or twice as the load increases from 0.6 to 2. ~~To provide more specific results, Table 1 lists the total number of packets transmitted in each layer when $p_{sub.GG}=0.71$ for the three thresholds $h=0.7$, $h=0.9$ and $h=0.99$.~~ This data indicates that the reason why the QI curves drop suddenly at some points, when $P_{sub.BB}$ exceeds certain value, is that almost an entire layer is lost.

[0115] An explanation for these sudden drops is now provided. In the exemplary embodiments, as explained above, $P_{X_i,R}$ is calculated to determine which packet to deliver at the end of each mini-slot. For a long CBR video data stream, ~~such as that used in the simulation associated with FIGS. 10(a)-10(e),~~ calculation of: $7 \times 1 = (\text{layer 0 size} = \text{layer 1 size}) * (\text{number of frames left}) * R (\text{wireless packet size}) * (\text{number of mini - slots left})$